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Substitute for form 1449A/B/PTO				Complete If Known	
				Application Number	10/040,727-Conf. #2597
				Filing Date	December 28, 2001
				First Named Inventor	Stefan J. Bitterlich
				Art Unit	2631
				Examiner Name	P. M. Phu
Sheet	1	of	1	Attorney Docket Number	04303/100M932-US1

U.S. PATENT DOCUMENTS					
Examiner Initials*	Cite No. ¹	Document Number	Publication Date	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear
		Number-Kind Code ² (if known)	MM-DD-YYYY		
PP	AA	US-5,748,650	05-05-1998	Blaker et al.	

FOREIGN PATENT DOCUMENTS					
Examiner Initials*	Cite No. ¹	Foreign Patent Document	Publication Date	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear
		Country Code ³ -Number ⁴ -Kind Code ⁵ (if known)	MM-DD-YYYY		
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NON PATENT LITERATURE DOCUMENTS					
Examiner Initials*	Cite No. ¹	Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume-issue number(s), publisher, city and/or country where published.			
PP	CA	Phillips, L., et al.; "A Baseband IC for 3G UMTS Communications"; PROC. OF VEHICULAR TECHNOLOGY CONFERENCE, Amsterdam, Netherlands, vol. 3, 19 September 1999, pages 1521-1524.			
PP	CB	Verbauwheide, Ingrid, et al.; "Low Power DSP's for Wireless Communications"; PROC. OF INTERNATIONAL SYMPOSIUM ON LOW POWER ELECTRONICS AND DESIGN ISLPED, Rapallo, Italy, 26 July 2000, pages 303-310.			
PP	CC	Weinsziehr, Dirk, et al.; "KISS-16V2: A One-Chip ASIC DSP Solution for GSM"; IEEE JOURNAL OF SOLID-STATE CIRCUITS, vol. 27, No. 7, July 1992, pages 1057-1065.			

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¹Applicant's unique citation designation number (optional). ²Applicant is to place a check mark here if English language Translation is attached.

Examiner Signature	Phu	Date Considered	3/7/07
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LIST OF REFERENCES CITED BY APPLICANT (Use several sheets if necessary)		ATTY. DOCKET NO.	APPLICATION NO.
		9824-077-999	10/040,727
		APPLICANT	
		Bitterlich et al.	
		FILING DATE	GROUP
		December 28, 2001	2643

U.S. PATENT DOCUMENTS

EXAMINER INITIAL		DOCUMENT NUMBER	DATE	NAME	CLASS	SUBCLASS	FILING DATE IF APPROPRIATE
PF	AA	5,181,209	01/19/93	Hagenauer et al.			
	AB	5,406,570	04/11/95	Berrou et al.			
	AC	5,446,747	08/29/95	Berrou			
	AD	5,485,486	01/16/96	Gilhousen et al.			
	AE	5,513,176	08/30/96	Dean et al.			
	AF	5,519,761	05/21/96	Gilhousen			
	AG	5,533,011	07/02/96	Dean et al.			
	AH	5,537,444	07/16/96	Nill et al.			
	AI	5,559,865	09/24/96	Gilhousen			
	AJ	5,563,897	10/08/96	Pyndiah et al.			
	AK	5,594,718	01/14/97	Weaver, Jr. et al.			
	AL	5,603,096	02/11/97	Gilhousen et al.			
	AM	5,621,752	04/15/97	Antonio et al.			
	AN	5,625,876	04/29/97	Gilhousen et al.			
	AO	5,657,420	08/12/97	Jacobs et al.			
	AP	5,680,395	10/21/97	Weaver et al.			
	AQ	5,691,974	11/25/97	Zehavi et al.			
	AR	5,697,055	12/09/97	Gilhousen et al.			
	AS	5,715,236	02/03/98	Gilhousen et al.			
	AT	5,721,745	02/24/98	Hladik et al.			
	AU	5,721,746	02/24/98	Hladik et al.			
	AV	5,729,560	03/17/98	Hagenauer et al.			
	AW	5,734,962	03/31/98	Hladik et al.			
	AX	5,751,761	05/12/98	Gilhousen			
	AY	5,761,248	07/02/98	Hagenauer et al.			
	AZ	5,778,338	07/07/98	Jacobs et al.			
	BA	5,812,938	09/22/98	Gilhousen et al.			
	BB	5,822,318	10/13/98	Tiedemann, Jr. et al.			
	BC	5,841,806	11/24/98	Gilhousen et al.			
	BD	5,848,063	12/08/98	Weaver, Jr. et al.			
	BE	5,859,612	01/12/99	Gilhousen			
✓	BF	5,864,760	01/26/99	Gilhousen et al.			

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PP	BG	5,917,812	01/29/99	Antonio et al.				
	BH	5,933,787	08/03/99	Gilhousen et al.				
	BI	5,943,361	08/24/99	Gilhousen et al.				
	BJ	5,970,413	10/19/99	Gilhousen				
	BK	6,014,411	01/11/00	Wang				
	BL	6,081,229	06/27/00	Soliman et al.				
	BM	6,085,349	07/04/00	Stein				
	BN	6,111,865	08/29/00	Butler et al.				
	BO	6,141,781	10/31/00	Mueller				
	BP	6,157,668	12/05/00	Gilhousen et al.				
	BQ	6,185,246	02/06/01	Gilhousen				
	BR	6,205,190	03/20/01	Antonio et al.				
	BS	6,239,748	05/29/01	Gilhousen				
	BT	6,304,612	10/16/01	Baggen et al.				
	BU	2001/0008837	07/19/01	Takahashi				
	BV	2001/0009850	07/26/01	Kushige				
	BW	2001/0013854	08/16/01	Ogoro				
	BX	2001/0018735	08/30/01	Murakami et al.				
	BY	2001/0022787	09/20/01	Mchale				
	BZ	2001/0023395	09/20/01	SU et al.				
	CA	2001/0024173	09/27/01	Katz				
	CB	2001/0024433	09/27/01	Vantinen				
	CC	2001/0025242	09/27/01	Joncour				
	CD	2001/0027544	10/04/01	Joncour				
	CE	2001/0038663	11/08/01	Medlock				
	CF	2001/0041536	11/15/01	Hasegawa				
	CG	2001/0046211	11/29/01	Maruwaka et al.				
	CH	2001/0047427	11/29/01	Lansio et al.				
↓	CI	2001/0048713	12/06/01	Medlock et al.				
	CJ	2001/0051506	12/13/01	Riikonen				

FOREIGN PATENT DOCUMENTS

	DOCUMENT NUMBER	DATE	COUNTRY	CLASS	SUBCLASS	TRANSLATION	
				YES	NO		

OTHER REFERENCES (Including Author, Title, Date, Pertinent Pages, Etc.)

PP	CK	TELECOMMUNICATIONS AND MISSION OPERATIONS DIRECTORATE - DSN Technology Program, "Communications System Analysis: Turbo Codes," http://www331.jpl.nasa.gov/public/TurboForce.GIF ; Date Accessed: December 27, 2001; pp 1.

EXAMINER	plum plus	DATE CONSIDERED	3/6/07
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